

**In the Claims:**

5        This listing of claims will replace all prior  
versions, and listings, of claims in the application.  
Please add new claims 37-43.

We claim:

10        1.    **(original)** A method for establishing telephonic  
communication between a first device and a second device  
over a communication network adhering to a session  
initiation protocol (SIP), the method comprising:

15        receiving a first call establishment message from the  
first device in a SIP-unobservant format;

         generating a second call establishment message in a  
SIP-observant format in response to the first call  
establishment message; and

20        transmitting the second call establishment message to  
the second device over the communication network.

25        2.    **(original)** The method of claim 1, wherein the  
call establishment message is selected from a group  
consisting of requests, responses, and confirmations.

30        3.    **(original)** The method of claim 1, wherein the  
SIP-unobservant format adheres to a private branch exchange  
signaling protocol.

4.    **(original)** The method of claim 1 further  
comprising:

retrieving redirection information associated with the first call establishment message from a location database; and

5     redirecting the second call establishment message in response to the retrieved redirection information.

5.     **(original)** The method of claim 4, wherein the redirection information is associated with a day and a time indicative of when the call establishment message is to be  
10     redirected.

6.     **(original)** The method of claim 1 further comprising selecting the SIP-unobservant format from a plurality of available formats.

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7.     **(original)** A method for establishing telephonic communication between a first device and a second device over a communication network adhering to a session initiation protocol (SIP), the method comprising:  
20     receiving a first call establishment message from the first device in a SIP-observant format;  
       generating a second call establishment message in a SIP-unobservant format in response to the first call establishment message; and  
25     transmitting the second call establishment message to the second device over the communication network.

8.     **(original)** The method of claim 7, wherein the call establishment message is selected from a group  
30     consisting of requests, responses, and confirmations.

9.     **(original)** The method of claim 7, wherein the SIP-unobservant format adheres to a private branch exchange signaling protocol.

5       10.   **(original)** The method of claim 7 further comprising:

          retrieving redirection information associated with the first call establishment message from a location database; and

10       redirecting the second call establishment message in response to the retrieved redirection information.

11.   **(original)** The method of claim 10, wherein the redirection information is associated with a day and time  
15   indicative of when the call establishment message is to be redirected.

12.   **(original)** The method of claim 7 further comprising selecting the SIP-unobservant format from a  
20   plurality of available formats.

13.   **(original)** A communication network adhering to a session initiation protocol (SIP) for establishing telephonic communication between devices, the network  
25   comprising:

          a SIP-unobservant device;

          a SIP-observant device; and

          an emulation client operative between the SIP-unobservant device and the SIP-observant device,  
30   characterized in that a call establishment message transmitted by the SIP-unobservant device in a SIP-unobservant format is converted to a SIP-observant format

by the emulation client and transmitted to the SIP-  
observant device.

14. **(original)** The communication network of claim 13,  
5 wherein the call establishment message is selected from a  
group consisting of requests, responses, and confirmations.

15. **(original)** The communication network of claim 13,  
wherein the SIP-unobservant format adheres to a private  
10 branch exchange signaling protocol.

16. **(original)** The communication network of claim 13  
further comprising a location database for storing  
redirection information, the communication network further  
15 characterized in that the emulation client retrieves from  
the location database redirection information associated  
with the call establishment message and redirects the call  
establishment message based on the retrieved redirection  
information.

20 17. **(original)** The communication network of claim 15,  
wherein the redirection information is associated with a  
day and time indicative of when the call establishment  
message is to be redirected.

25 18. **(original)** The communication network of claim 13  
further characterized in that the emulation client selects  
the SIP-unobservant format from a plurality of available  
formats.

30 19. **(original)** A communication network adhering to a  
session initiation protocol (SIP) for establishing

telephonic communication between devices, the network comprising:

- a SIP-unobservant device;
  - a SIP-observant device; and
  - 5 an emulation client operative between the SIP-unobservant device and the SIP-observant device, characterized in that a call establishment message transmitted by the SIP-observant device in a SIP-observant format is converted to a SIP-unobservant format by the
  - 10 emulation client and transmitted to the SIP-unobservant device.
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20. **(currently amended)** The communication network of claim [[18]] 19, wherein the call establishment message is  
15 selected from a group consisting of requests, responses, and confirmations.

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21. **(currently amended)** The communication network of claim [[18]] 19, wherein the SIP-unobservant format adheres  
20 to a private branch exchange signaling protocol.

22. **(currently amended)** The communication network of claim [[18]] 19 further comprising a redirection database for storing redirection information, the communication  
25 network further characterized in that the emulation client retrieves from the location database redirection information associated with the call establishment message and redirects the call establishment message based on the retrieved redirection information.

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23. **(currently amended)** The communication network of claim [[21]] 22, wherein the redirection information is

associated with a day and time indicative of when the call establishment message is to be redirected.

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10 25. **(original)** An emulation client in a communication network adhering to a session initiation protocol (SIP) for establishing telephonic communication between a SIP-observant device and a SIP-unobservant device, characterized in that a call establishment message transmitted by the SIP-observant device in a SIP-observant  
15 format is converted to a SIP-unobservant format by the emulation client and transmitted to the SIP-unobservant device.

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20 26. **(currently amended)** The emulation client of claim [[24]] 25, wherein the call establishment message is selected from a group consisting of requests, responses, and confirmations.

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Comp. 25 27. **(currently amended)** The emulation client of claim [[24]] 25, wherein the SIP-unobservant format adheres to a private branch exchange signaling protocol.

30 28. **(currently amended)** The emulation client of claim [[24]] 25, further characterized in that redirection information associated with the call establishment message is retrieved from a redirection database for redirecting the call establishment message.

29. **(currently amended)** The emulation client of claim  
[[27]] 28, wherein the redirection information is  
associated with a day and a time indicative of when the  
call establishment message is to be redirected.

30. **(currently amended)** The emulation client of claim  
[[24]] 25, further characterized in that the SIP-  
unobservant format from a plurality of available formats.

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31. **(original)** An emulation client in a communication  
network adhering to a session initiation protocol (SIP) for  
establishing telephonic communication between a SIP-  
observant device and a SIP-unobservant device,  
characterized in that a call establishment message  
transmitted by the SIP-unobservant device in a SIP-  
unobservant format is converted to a SIP-observant format  
by the emulation client and transmitted to the SIP-  
observant device.

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32. **(currently amended)** The emulation client of claim  
[[30]] 31, wherein the call establishment message is  
selected from a group consisting of requests, responses,  
and confirmations.

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33. **(currently amended)** The emulation client of claim  
[[30]] 31, wherein the SIP-unobservant format adheres to a  
private branch exchange signaling protocol.

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34. **(currently amended)** The emulation client of claim  
[[30]] 31, further characterized in that redirection  
information associated with the call establishment message

is retrieved from a redirection database for redirecting the call establishment.

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5 35. **(currently amended)** The emulation client of claim [[33]] 34, wherein the redirection information is associated with a day and time indicative of when the call establishment message is to be redirected.

10 36. **(currently amended)** The emulation client of claim [[30]] 31, further characterized in that the SIP-unobservant format is selected from a plurality of available formats.

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~~37.~~ **(new)** A method for establishing telephonic  
15 communication over a communication network, the method comprising the steps of:

generating on a SIP-observant device a Session Initiation Protocol (SIP) INVITE message, the SIP INVITE message including a telephone number of a SIP-unobservant  
20 device; and

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transmitting by the SIP-observant device on the communication network the SIP INVITE message, wherein in response to the transmission an emulator operative between the SIP-observant device and the SIP-unobservant device  
25 receives a SIP INVITE message including the telephone number of the SIP-unobservant device, converts the SIP INVITE message into a SIP-unobservant format and transmits the message to the SIP-unobservant device.

30 38. **(new)** The method of claim 37, wherein the SIP-unobservant format adheres to a private branch exchange signaling protocol.



39. (new) A Session Initiation Protocol (SIP)-  
observant device for establishing telephonic communication  
over a communication network, comprising:

5 a SIP stack for generating a SIP INVITE message  
including a telephone number of a SIP-unobservant device;  
and

an interface for transmitting on the communication  
network the SIP INVITE message, wherein in response to the  
10 transmission an emulator operative between the SIP-  
observant device and the SIP-unobservant device receives a  
SIP INVITE message including the telephone number of the  
SIP-unobservant device, converts the SIP INVITE message  
into a SIP-unobservant format and transmits the message to  
15 the SIP-unobservant device.

40. (new) The device of claim 39, wherein the SIP-  
unobservant format adheres to a private branch exchange  
signaling protocol.

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41. (new) A method for relaying call establishment  
messages between at least three communication networks, the  
three networks including a SIP-observant network and a  
plurality of SIP-unobservant networks, the method  
25 comprising the step of:

receiving a plurality of SIP-observant call  
establishment messages;

translating a first message within the plurality into  
a first protocol type of a first SIP-unobservant  
30 communication network and transmitting the first message on  
the first SIP-unobservant communication network; and

translating a second message within the plurality into a second protocol type of a second SIP-unobservant communication network and transmitting the second message on the second SIP-unobservant communication network,

5            wherein the first and second protocol types are different.

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42. **(new)** The method of claim 41, further comprising the steps of determining the first protocol type based on a  
10 first address in the first message, and determining the second protocol type based on a second address in the second message.

43. **(new)** The method of claim 41, wherein at least  
15 one of the first and second protocol types is a private branch exchange signaling protocol type.

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